

Attorney Docket No. 5051-416DV

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Jacobson
Serial No. to be assigned
Filed: concurrently herewith
For: **PHYSICAL PROPERTY**
MODIFICATION OF NANOTUBES

A5
71.1
1-1502

Date: May 23, 2001

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to the examination of the above-referenced application, please enter the following amendment. Attached hereto is a marked up version of the changes made to the specification and claims by the current amendment. The marked up version of the changes is captioned "**Version With Markings To Show Changes Made**".

In the Specification:

On page 1, line 1, please insert the following:

- Cross-Reference to Related Applications

The present application is a divisional application of Serial No. 09/186,396 filed November 4, 1998, now ^{U.S. Patent 6,280,677} allowed, which claims priority to U.S. Provisional Application Serial No. 60/064,539 filed November 5, 1997, the disclosure of which are incorporated by reference herein in their entirety.

In the Claims:

Please enter the following new claims.

24. (New) A carbon nanotube comprising:
a dipole of pentagon-heptagon and heptagon-pentagon dislocation cores located in an opposed spaced-apart relationship along a longitudinal axis of said carbon nanotube;